

SYSTEM AND METHOD FOR SERVING PRE-GENERATED PRESENTATION VIEWS OF REQUESTED DATA

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ABSTRACT

A system and method are provided for generating presentation views of data in advance of a request for, or an operation involving, the data. A trigger initiates the generation of a presentation view after the passage of a predetermined period of time, when the data is altered or replaced, or in response to some other recognizable situation or event. The amount of system resources (e.g., processor time, memory) expended to satisfy a request may thus be decreased in comparison to a system in which presentation views are generated each time data is retrieved. One trigger may apply to any number of data items and may employ different trigger criteria (e.g., time periods) for different items. Multiple presentation views (e.g., in different formats) may be generated for a data item so as to serve multiple types of devices. A trigger may be customized for a particular device or type of device, and its profile (e.g., how many presentation views are generated) may change over time.